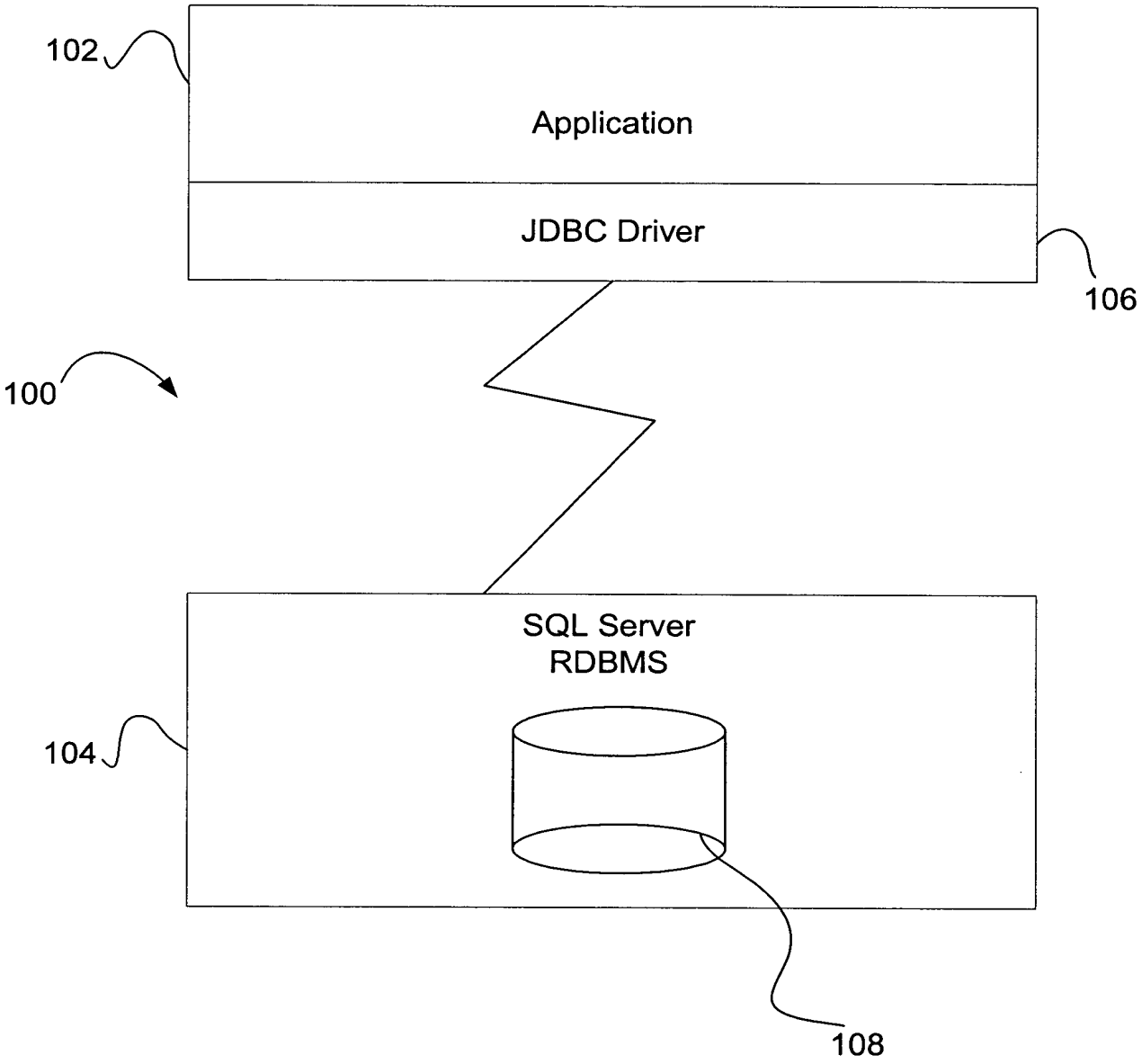
102
Application
JDBC Driver
106
100
SQL Server
RDBMS
104
108

Fig. 1

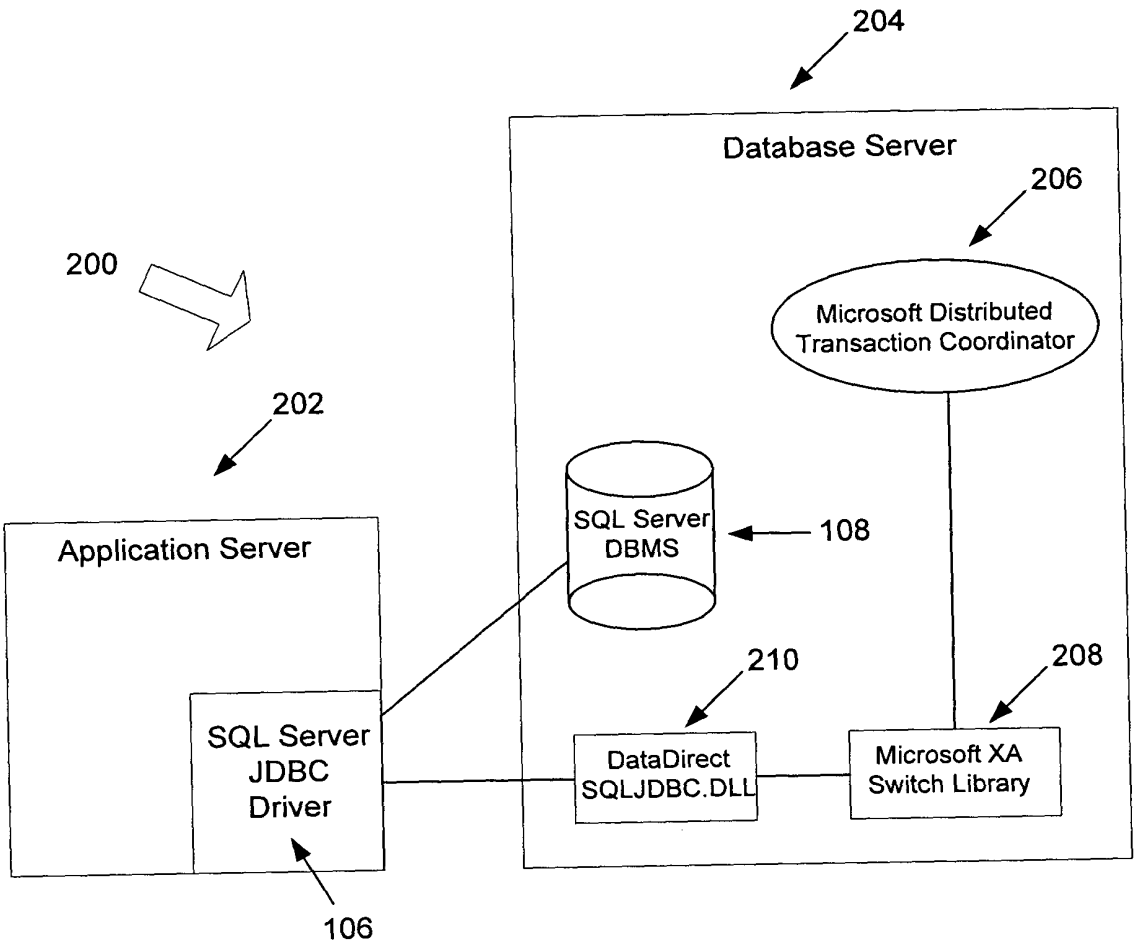
204
Database Server
206
200
Microsoft Distributed
Transaction Coordinator
202
SQL Server
DBMS
108
Application Server
210
208
SQL Server
JDBC
Driver
DataDirect
SQLJDBC.DLL
Microsoft XA
Switch Library
106

Fig. 2

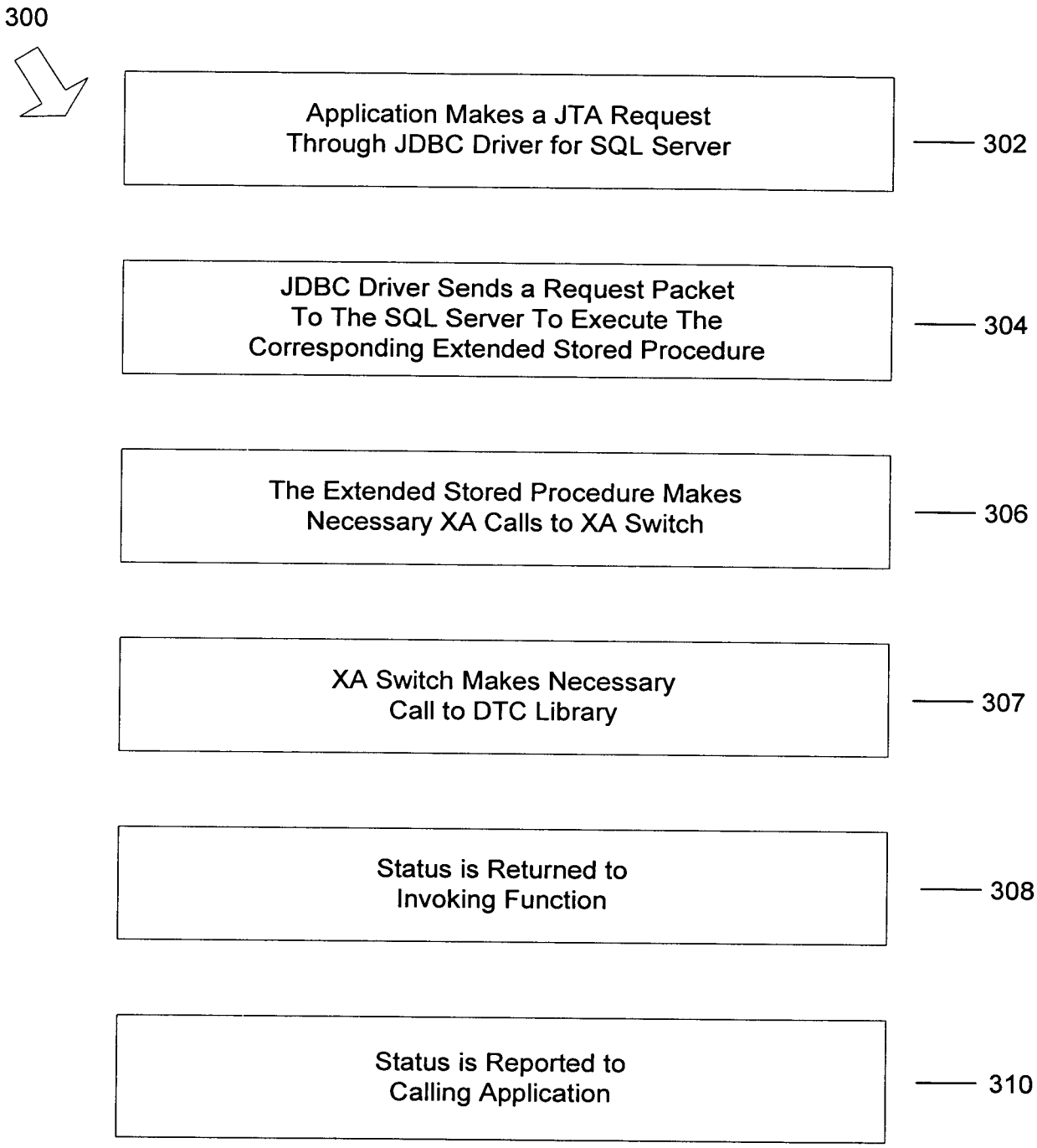
300
Application Makes a JTA Request Through JDBC Driver for SQL Server
302
JDBC Driver Sends a Request Packet To The SQL Server To Execute The Corresponding Extended Stored Procedure
304
The Extended Stored Procedure Makes Necessary XA Calls to XA Switch
306
XA Switch Makes Necessary Call to DTC Library
307
Status is Returned to Invoking Function
308
Status is Reported to Calling Application
310

Fig. 3

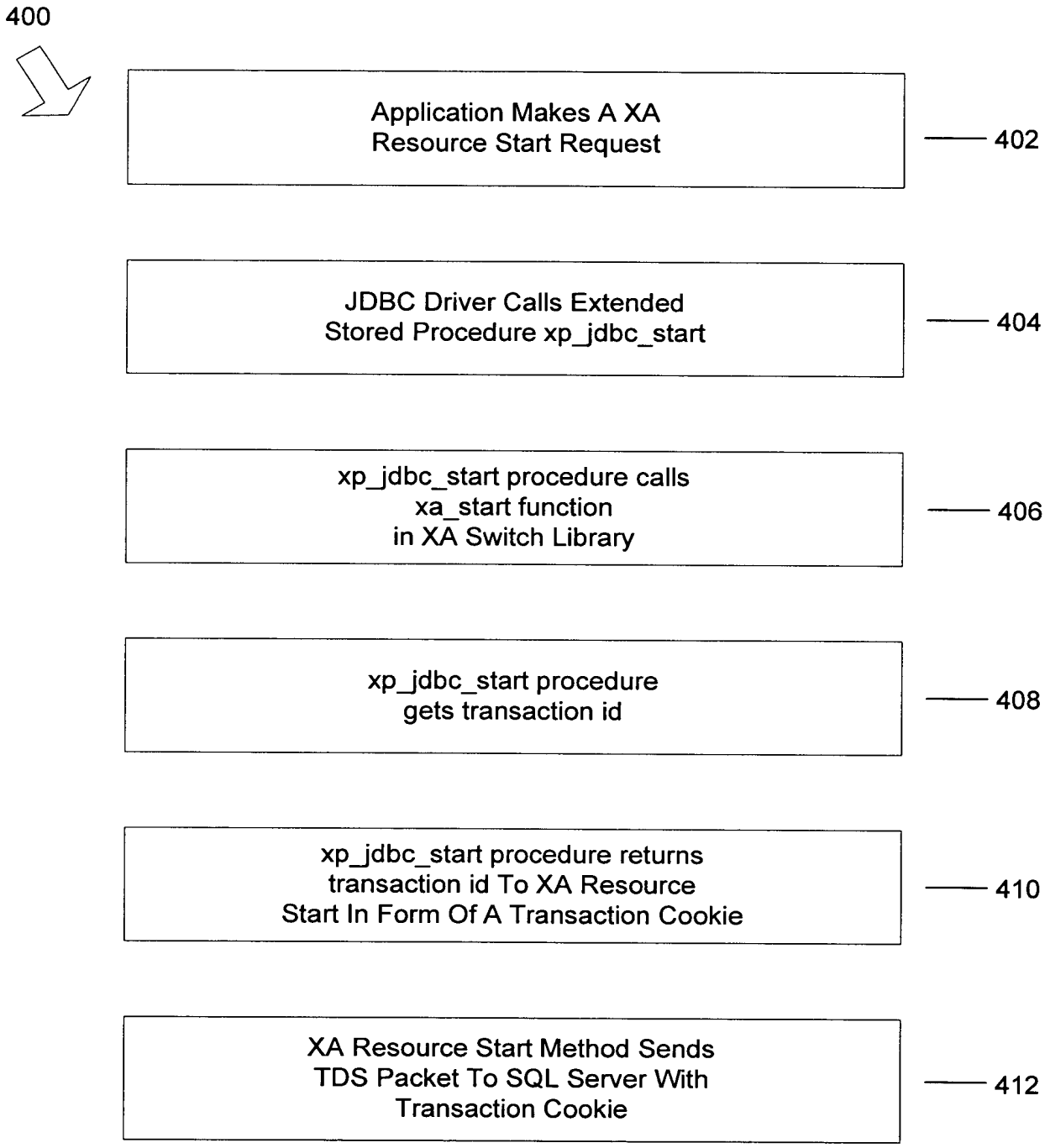
400
Application Makes A XA Resource Start Request
402
JDBC Driver Calls Extended Stored Procedure xp_jdbc_start
404
xp_jdbc_start procedure calls xa_start function in XA Switch Library
406
xp_jdbc_start procedure gets transaction id
408
xp_jdbc_start procedure returns transaction id To XA Resource Start In Form Of A Transaction Cookie
410
XA Resource Start Method Sends TDS Packet To SQL Server With Transaction Cookie
412

Fig. 4